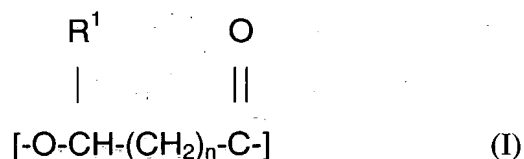
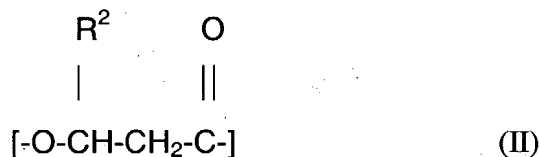


What is Claimed is:

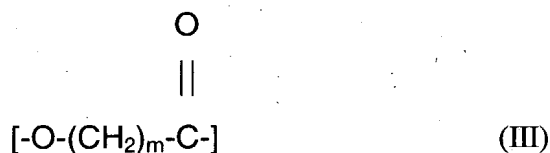
1. A composition, comprising (a) a continuous phase of a first biodegradable polyhydroxyalkanoate comprising a copolymer of at least two randomly repeating monomer units, wherein the first randomly repeating monomer unit has the structure (I):



wherein R^1 is H, or C1 or C2 alkyl, and n is 1 or 2; and the second randomly repeating monomer unit is different from the first randomly repeating monomer unit and comprises at least one monomer selected from the group consisting of the structures (II) and (III):

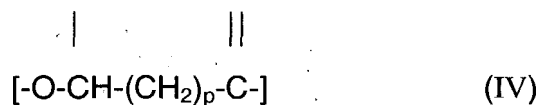


wherein R^2 is a C3-C19 alkyl or C3-C19 alkenyl, and



wherein m is from 2 to about 16, and wherein at least about 50 mole % of the copolymer comprises randomly repeating monomer units having the structure of the first randomly repeating monomer unit (I), wherein the first biodegradable polyhydroxyalkanoate has a melting point T_{m1} ; and (b) a second crystallizable biodegradable polyhydroxyalkanoate comprising a randomly repeating monomer unit having the structure (IV):





wherein R^3 is H, or C1 or C2 alkyl, and p is 1 or 2, wherein the

second biodegradable polyhydroxyalkanoate has a melting point Tm_2 , wherein Tm_2 is at least about 20°C greater than Tm_1 , and wherein the second biodegradable polyhydroxyalkanoate polymer (b) is finely dispersed within the bulk of the first biodegradable polyhydroxyalkanoate (a), to form a composition with enhanced crystallization and physical properties.

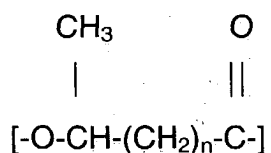
2. A composition according to claim 1, wherein the composition is formed by solution blending of the components (a) and (b).
3. A composition according to claim 1, wherein the composition is formed by melt blending of the components (a) and (b).
4. A composition according to claim 1, wherein the composition comprises from about 0.01 to about 10 weight percent of component (b).
5. A composition according to claim 4, wherein the composition comprises from about 0.1 to about 5 weight percent of component (b).
6. A composition according to claim 5, wherein the composition comprises from about 0.1 to about 3 weight percent of component (b).
7. A composition according to claim 1, wherein Tm_2 is at least about 25°C greater than Tm_1 .

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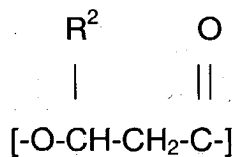
8. A composition according to claim 7, wherein Tm2 is at least about 30°C greater than Tm1.

9. A composition according to claim 7, wherein Tm2 is not more than about 60°C greater than Tm1.

10. A composition according to claim 1, wherein the first randomly repeating monomer unit of component (a) has the structure:



wherein n is 1 or 2, and the second randomly repeating monomer unit of component (a) has the structure:



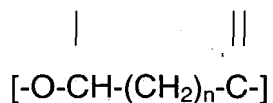
wherein R² is a C3-C19 alkyl.

11. A composition according to claim 10, wherein n is 1.

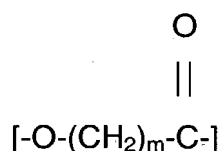
12. A composition according to claim 11, wherein R² is a C3 alkyl.

13. A composition according to claim 1, wherein the first randomly repeating monomer unit of component (a) has the structure:





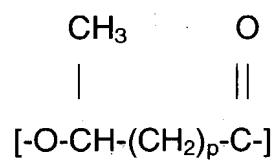
wherein n is 1 or 2, and the second randomly repeating monomer unit of component (a) has the structure:



wherein m is from 2 to about 16.

14. A composition according to claim 13, wherein m is 5.
15. A composition according to claim 14, wherein n is 1.
16. A composition according to claim 1, wherein the molar ratio of the first randomly repeating monomer units to the second randomly repeating monomer units in component (a) is in the range of from about 50:50 to about 99:1.
17. A composition according to claim 16, wherein the molar ratio of the first randomly repeating monomer units to the second randomly repeating monomer units in component (a) is in the range of from about 75:25 to about 95:5.
18. A composition according to claim 1, wherein component (a) has a number average molecular weight of greater than about 100,000 g/mole and wherein component (b) has a number average molecular weight of greater than about 50,000 g/mole .
19. A composition according to claim 1, wherein component (b) comprises repeating monomer units having the structure:

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wherein p is 1 or 2 .

20. A composition according to claim 1, wherein component (b) includes a plasticizer.